GOVERNMENT OF INDIA
COAL
LOK SABHA

STARRED QUESTION NO:271
ANSWERED ON:17.12.2015
Lignite Coal Reserves
Meghwal Shri Arjun Ram

Will the Minister of COAL be pleased to state:

GOVERNMENT OF INDIA
MINISTRY OF COAL

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STARRED QUESTION NO.271
TO BE ANSWERED ON 17.12.2015

Lignite Coal Reserves
271. SHRIARJUN MEGHWAL:
Will the Minister of COAL be pleased to state:
(a) whether adequate quantity of lignite coal reserves are available in the country;
(b) if so, the details of the lignite coal mining in the country during each of the last three years, mine-wise;
(c) whether lignite coal is also utilised for any other purpose other than power generation, if so, the details thereof; and
(d) the steps taken to modernise the technology used in mining of the coal reserves in the country?

ANSWER

MINISTER OF STATE (IC) IN THE MINISTRY OF COAL,
POWER AND NEW & RENEWABLE ENERGY

(SHRI PIYUSH GOYAL)

(a) to (d): A statement is laid on the Table of the House.

-02-
Statement referred to in reply to Lok Sabha Starred Question no. 271 for 17.12.2015 regarding'Lignite Coal Reserves'.
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1. Adequate quantity of lignite reservesare available in the country.The details of lignite production(in MT) from the mines for the last 3 years are furnished below:
I. Neyveli Lignite Corporation Limited Mines (NLC)
Sl.No State 2012-13 2013-14 2014-15
1 Mine-I &Expn. (TN) 7.960 9.003 9.055
2 Mine-II &Expn.(TN) 13.944 13.052 13.221
3 Mine-IA(TN) 2.940 3.001 2.915
4 Barsingsar,(Raj) 1.379 1.553 1.352
Gujarat
II. Gujarat Mineral Development Corporation Limited (GMDC) Mines
5 Panandhro 2.851 2.674 2.789
6 Rajpardi 0.925 0.579 0.615
7 Matanomadh 3.297 3.004 3.211
8 Tadkeshwar 1.911 1.077 0.883
9 Surkha North 1.924 1.065 1.202
Umarsar 0.000 0.000 0.013
III. Gujarat Industrial Power Corporation Limited (GIPCL) Mines
10 Vastan 0.922 0.672 0.628
11 Mangrol 2.404 1.735 0.357
12 Valia 0.599 2.404
IV. Gujarat Heavy Chemical Limited (GHCL) Mines (Pvt Limited)
13 Khadsailya 0.313 0.182 0.195
V. Rajasthan State Mines & Minerals Limited (RSMML) Mines
14 Giral 0.917 0.632 0.430
15 Sonari 0.191 0.582 0.669
16 Kasnau / Matasukh 0.284 0.213 0.304
VI. V.S. Lignite (Pvt Limited)
17
Gurha East 0.815 0.890 1.005

VII. BarmerLig. Mining Co. Ltd. (BLMCL) Mines
18 BLMCL 3.500 3.750 6.996
Grand Total in Million Tonnes 46.477 44.263 48.244

2. Lignite can be utilized for purposes other than power generation also. Lignite is used as fuel for the boilers in industries viz. Cement, Textile, Chemical, Steel, Brick kilns and for other small industrial purposes. NLC has also obtained patent for Humic Acid, a Plant growth simulator which is extracted from lignite.

-03-

3. NLC is mining lignite and operates pit head power generating stations. As on date NLC is operating three open cast Lignite mines at Neyveli with a production capacity of 28.5 Million Tonnes Per Annum. In all the three mines, continuous mining technology is being adopted for the last five decades with sophisticated Specialised Mining Equipments (SMEs) viz. Bucket Wheel Excavators (BWE), Mobile Transfer Conveyors (MTC), system of Conveyors and Spreaders for excavation and transportation of lignite and overburden. Mechanized Conventional Mining Equipment technology comprising of Shovel & Dumper combination is used in Barsingsar lignite Mine, Rajasthan.
4. In addition to the above, the following measures have been implemented in the existing Mines of NLC as a part of modernization and to improve the productivity and safety:-
i) Wireless based centralized monitoring operation and control system in one of the benches of Mine-IA.
ii) Programmable Logic Controller (PLC) based automation system for Mine-I Lignite bunker.
iii) Implementation of Variable Voltage Variable Frequency (VVVF) drives in Specialized Mining Equipments and Conveyors.
iv) All the Specialised Mining Equipments(SMEs) and Bucket Wheel Excavators (BWEs), conveyors, spreaders etc. procured for new mines viz., Mine-II expansion are incorporated with latest art of technology like VVVF PLC enabling higher production & productivity.

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Answer

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MINISTRY OF COAL

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